

IN THE SPECIFICATION:

At page 3, line 13, please add the following 6 paragraphs:

According to yet another aspect of the present invention, there is circuitry for a power distribution system including a generation station and a plurality of first circuits each located away from the generation station, each first circuit including a first device with first and second control inputs, and a current output, a second device with a control input and a current output, and a third device with a control input and a current output for coupling to a light source. The circuitry comprises means for detecting a current at a respective location in the power distribution system; means for supplying voltage to a first circuit, in response to the means for detecting, and the following elements, activated a plurality of times for the first circuit: means for charging the second control input of the first device; means for subsequently using the current output of the first device to charge the control input of the second device; and means for using the current output of the second device to charge the control input of the third device.

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According to yet another aspect of the present invention, there is an indication system for a power distribution system including a generation station, the indication system comprising a plurality of first circuits each located away from the generation station. Each first circuit comprises a first device with first and second control inputs, and a current output; a second device with a control input and a current output, and a third device with a control input and a current output for coupling to a light source; a detector that detects a current at a respective location in the power distribution system; a voltage supply, responsive to the detector; a charger that charges the second control

input of the first device; a first current path between the current output of the first device and the control input of the second device; and a second current path between the current output of the second device and the control input of the third device.

According to yet another aspect of the present invention, there is circuitry for a power distribution system having a plurality of conduction paths, and a plurality of devices each having a manual control and each located adjacent a conduction path, wherein the manual control in each device includes a switch, each device further includes a capacitor. The circuitry comprises means for detecting a current in the adjacent conduction path; means for activating an indicator in response to the detecting means; and means for deactivating the indicator after a period of time, the period of time being a function of the manual control, the deactivating means acting to charge the capacitor through the switch.

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According to yet another aspect of the present invention, there is a device for a power distribution system having a plurality of conduction paths. The device comprises a first node for coupling to a first reference voltage; a second node for coupling to a second reference voltage; a detector that detects a current in an adjacent conduction path to generate a first signal; an activator, responsive to the first signal, for generating a second signal; a control circuit that generates a third signal in response to the second signal; an indicator responsive to the third signal; and a deactivator for blocking the second signal after a period of time, the deactivator including a capacitor coupling between the first and second nodes.

According to yet another aspect of the present invention, there is a method for a power distribution system having a plurality of conduction paths. The method

comprises coupling a first node to a first reference voltage; coupling a second node to a second reference voltage; detecting a current in an adjacent conduction path to generate a first signal; activating, responsive to the first signal, to generate a second signal; generating a third signal in response to the second signal; indicating responsive to the third signal; and blocking the second signal after a period of time, by using a capacitor coupled between the first and second nodes.

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According to yet another aspect of the present invention, there is circuitry for a power distribution system having a plurality of conduction paths. The circuitry comprises means for coupling a first node to a first reference voltage; means for coupling a second node to a second reference voltage; means for detecting a current in an adjacent conduction path to generate a first signal; means for activating, responsive to the first signal, to generate a second signal; means for generating a third signal in response to the second signal; means for indicating responsive to the third signal; and means for blocking the second signal after a period of time, by using a capacitor coupled between the first and second nodes.